



### REMARKS

The foregoing amendment and the following arguments are provided to impart precision to the claims, by more particularly pointing out the invention, rather than to avoid prior art.

#### 35 U.S.C. § 102(b) Rejections

Examiner rejected claims 1-6, 8, 10, 13-18, 20, 22, 25-30, 32, 34, 37-42, 44 and 46 under 35 U.S.C. 102(b) as being anticipated by 5,724,492, (Matthews, III).

"To anticipate a claims, the reference must teach every element of the claim. A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." (Manual of Patent Examining Procedures (MPEP) ¶ 2131.)

Independent claims 1, 13, 25 and 37 of the present application includes limitations not disclosed or taught by the Matthews. As a result, claims 1, 13, 25 and 37 are not anticipated by Matthews.

In particular, the independent claims include the limitation of generating a three dimensional *virtual mesh* polyhedron, wherein the virtual mesh polyhedron includes a first object on a first plane and a second object on a second plane.

Matthews does not disclose or teach a "three dimensional virtual mesh polyhedron." Moreover, Matthews does not disclose a polyhedron having multiple objects, as is claimed by applicant.

Rather, Matthews only discloses a representation that includes a single object: "From Figs. 6 and 7, various features and advantages of the present invention are apparent. Generally described, a multisided object having a plurality of panels . . ." (Matthews Col. 16, lines 1-3).

As a result of applicants independent claims including the limitation of generating a three dimensional virtual mesh polyhedron, wherein the virtual mesh polyhedron includes a first object on a first plane and a second object on a second plane, which is not disclosed in Matthews, applicants independent claims are not anticipated by Matthews.

### 35 U.S.C. § 103(a) Rejections

Examiner rejected claims 7, 9, 19, 21, 31, 33, 43, and 45 under 35 U.S.C. 103(a) as being unpatentable over 5,724,492, (Matthews, III) and 6,043,818, (Nakano).

Examiner rejected claims 7, 9, 19, 21, 31, 33, 43, and 45 under 35 U.S.C. 103(a) as being unpatentable over 5,724,492, (Matthews, III) and 6,043,818, (Nakano) and in further view of Williams et al (5,977,964).

The remaining claims depend from one of the foregoing independent claims discussed above. Therefore the remaining claims include the novel claim limitations discussed above and are therefore not anticipated by Matthews and are patentable over Matthews, Nakano, and Williams.

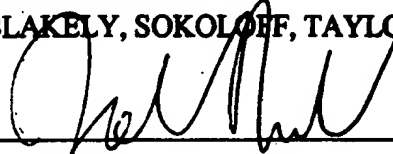
### CONCLUSION

Applicant respectfully submits the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call John Ward at (408) 720-8300.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

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(Once Amended) 1. A method for displaying an Electronic Programming Guide (EPG) comprising:

[displaying] generating a three dimensional virtual mesh polyhedron;  
[forming] generating a plurality of planes positioned in said polyhedron,  
said polyhedron having a first object on a first plane and a second object on a second plane [planes comprising at least one object], said objects [comprising at least one] providing interactive surfaces.

2. The method of claim 1, wherein said polyhedron is displayed with an isometric view.

(Once Amended) 3. The method of claim 1, wherein said EPG is [displayed] generated exclusive of three dimensional graphics circuitry.

(Once Amended) 4. The method of claim 1, wherein [the] selection of one of said objects will select a program provided on a certain channel at a certain time.

(Once Amended) 5. The method of claim 1, wherein said objects are [is] independent of said polyhedron.

(Once Amended) 6. The method of claim 1, wherein said objects represent[s a] certain television program on a certain channel at a certain time.

7. The method of claim 1, wherein said polyhedron is a cube.

8. The method of claim 1, wherein said planes are parallel.

9. The method of claim 1, wherein said planes correspond to levels of preference.

(Once Amended) 10. The method of claim 1, wherein one of said objects [is] a pictogram.

11. The method of claim 7, wherein said cube further comprises three axes.

12. The method of claim 11, wherein said axes correspond to time, channel, and user preference.

(Once Amended) 13. An Electronic Program Guide (EPG) comprising:

a three dimensional virtual mesh polyhedron comprising a plurality of planes,

said polyhedron having a first object on a first plane and a second object on a second plane [planes comprising at least one object], and said objects [representing at least one] providing interactive surfaces.

14. The EPG of claim 13, wherein said polyhedron is displayed with an isometric view.

15. The EPG of claim 13, wherein said EPG is displayed exclusive of three dimensional graphics circuitry.

(Once Amended) 16. The EPG of claim 13, wherein the selection of one of said objects will select a program provided on a certain channel at a certain time.

(Once Amended) 17. The EPG of claim 13, wherein said objects [is] are independent of said polyhedron.

(Once Amended) 18. The EPG of claim 13, wherein said objects represent[s] a certain television program on a certain channel at a certain time.

19. The EPG of claim 13, wherein said polyhedron is a cube.

20. The EPG of claim 13, wherein said planes are parallel.

21. The EPG of claim 13, wherein said planes correspond to levels of preference.

(Once Amended) 22. The EPG of claim 13, wherein one of said objects is a pictogram

23. The EPG of claim 19, wherein said cube further comprises three axes.

24. The EPG of claim 23, wherein said axes correspond to time, channel, and user preference.

(Once Amended) 25. A system for displaying an Electronic Program Guide (EPG) comprising:

a memory; and

a first unit to [display] generate a three dimensional virtual polyhedron; and

said first unit to further display a plurality of planes positioned in said polyhedron, said polyhedron having a first object on a first plane and a second object on a second plane, and said objects providing interactive surface

[said planes comprising at least one object, said object comprising at least one interactive surface].

26. The system of claim 25, wherein said polyhedron is displayed with an isometric view.

27. The system of claim 25, wherein said EPG is displayed exclusive of three dimensional graphics circuitry

(Once Amended) 28. The system of claim 25 wherein the selection of one of said objects will select a program provided on a certain channel at a certain time.

(Once Amended) 29. The system of claim 25, wherein said objects are [is] independent of said polyhedron.

(Once Amended) 30. The system of claim 25, wherein said objects represent[s] a certain television program on a certain channel at a certain time.

31. The system of claim 25, wherein said polyhedron is a cube.

32. The system of claim 25, wherein said planes are parallel.

33. The system of claim 25, wherein said planes correspond to levels of preference.

(Once Amended) 34. The system of claim 25, wherein one of said objects is a pictogram.

35. The system of claim 31, wherein said cube further comprises three axes.

36. The system of claim 35, wherein said axes correspond to time, channel, and user preference.

(Once Amended) 37. A machine readable medium having stored thereon sequences of instructions which are executable by a processor, and which, when executed by the processor, cause the system to perform a method for displaying an Electronic Programming Guide (EPG) comprising:

generating a three dimensional virtual mesh polyhedron; and  
generating a plurality of planes positioned in said polyhedron, said polyhedron having a first object on a first plane and a second object on a second plane, said objects providing interactive surfaces

[displaying a three dimensional polyhedron; and  
forming a plurality of planes positioned in said polyhedron, said planes comprising at least one object, said object representing an interactive surface].

38. The machine readable medium of claim 37, wherein said polyhedron is displayed with an isometric view.

39. The machine readable medium of claim 37, wherein said EPG is displayed exclusive of three dimensional graphics circuitry.

(Once Amended) 40. The machine readable medium of claim 37, wherein the selection of one of said objects will select a program provided on a certain channel at a certain time.

(Once Amended) 41. The machine readable medium of claim 37, wherein said objects are [is] independent of said polyhedron.



(Once Amended) 42. The machine readable medium of claim 37, wherein said objects represent[s] a certain television program on a certain channel at a certain time.

43. The machine readable medium of claim 37, wherein said polyhedron is a cube.

44. The machine readable medium of claim 37, wherein said planes are parallel.

45. The machine readable medium of claim 37, wherein said planes correspond to levels of preference.

(Once Amended) 46. The machine readable medium of claim 37, wherein one of said objects is a pictogram.

47. The machine readable medium of claim 43, wherein said cube further comprises three axes.

48. The machine readable medium of claim 47, wherein said axes correspond to time, channel, and user preference.